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ABSTRACT

A sprocket for an endless conveyor is disclosed having a plurality of fluid outlet passages arranged radially between the center of the sprocket and its outer circumferential surface. The outlet passages are positioned along the length of the sprocket in a helical path and are in fluid communication with an annular fluid conduit extending lengthwise along the center of the sprocket. A fluid inlet connected to the conduit supplies fluid under pressure to the conduit, the fluid spraying radially outwardly through the outlet passages to impinge on the inside surface of the endless conveyor and remove any accumulated debris. Nozzles are positioned within the outlet passages to control the fluid spray.

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